

FIGURE 1

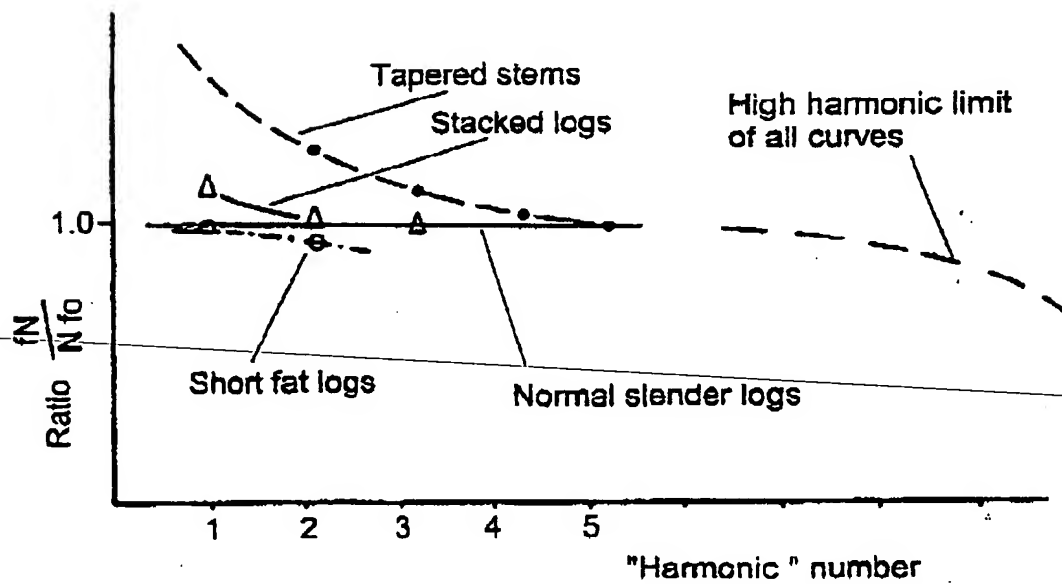


FIGURE 2

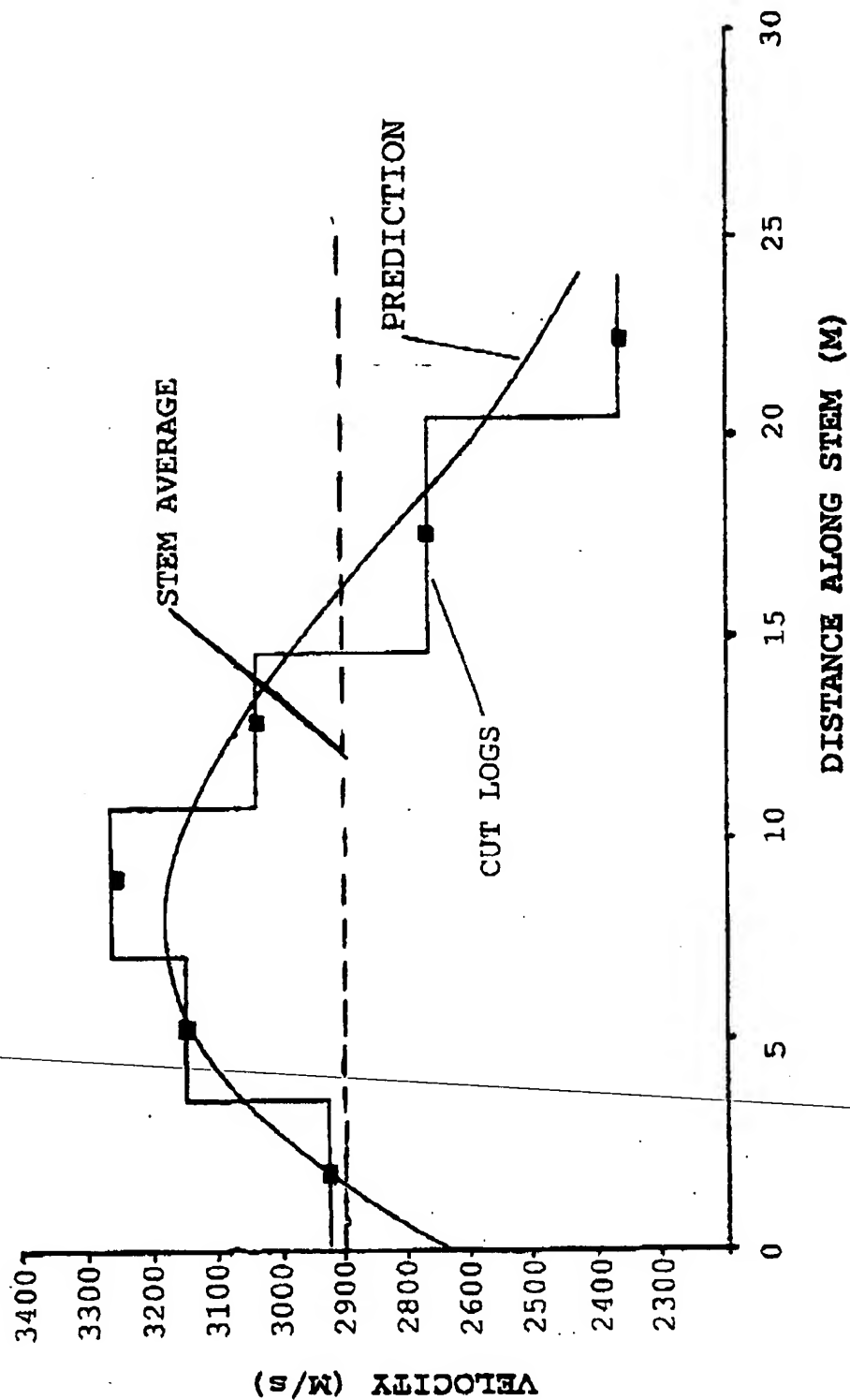
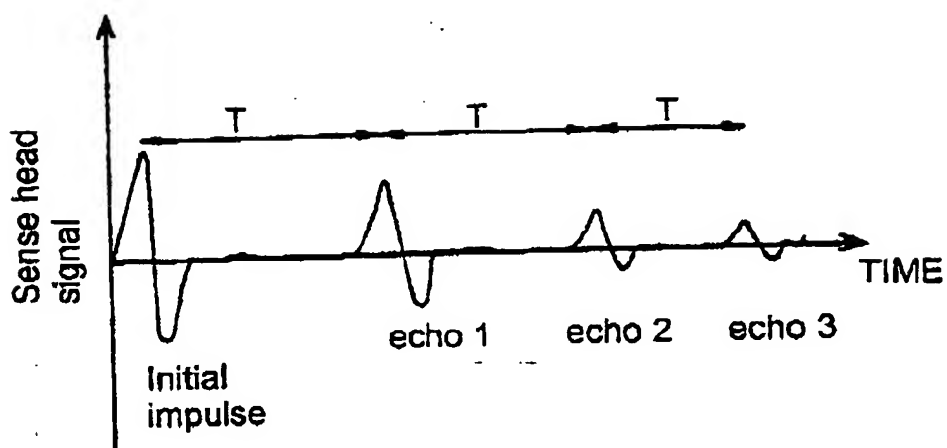
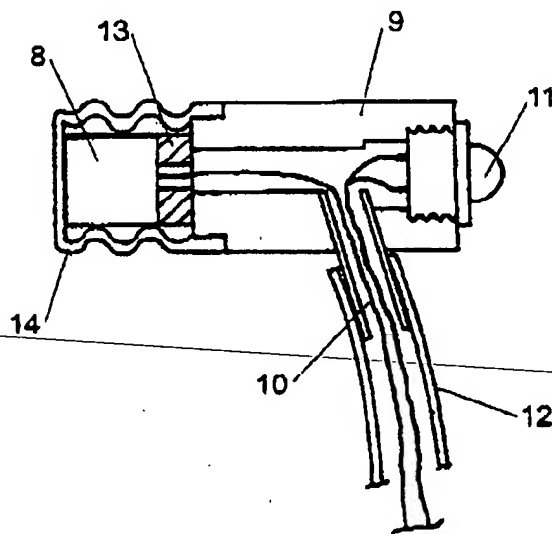


FIGURE 3

**FIGURE 4****FIGURE 5**

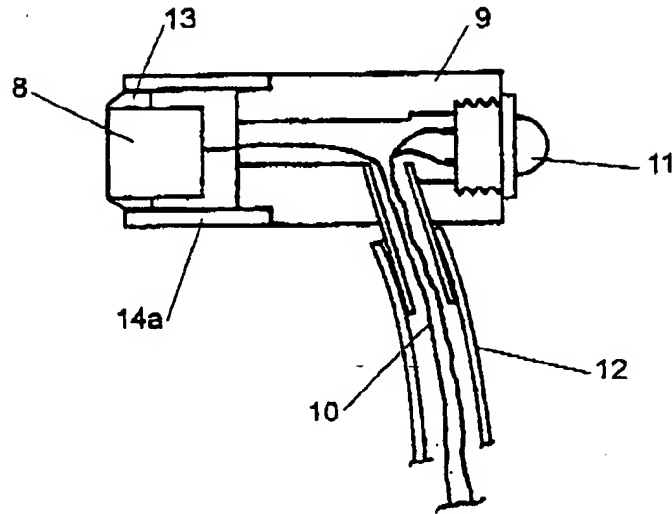


FIGURE 6

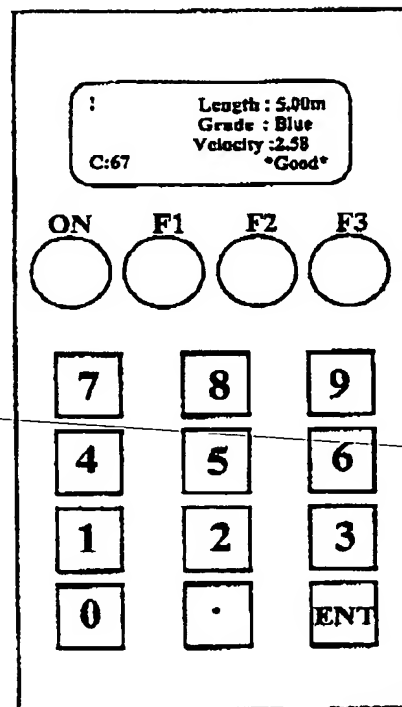
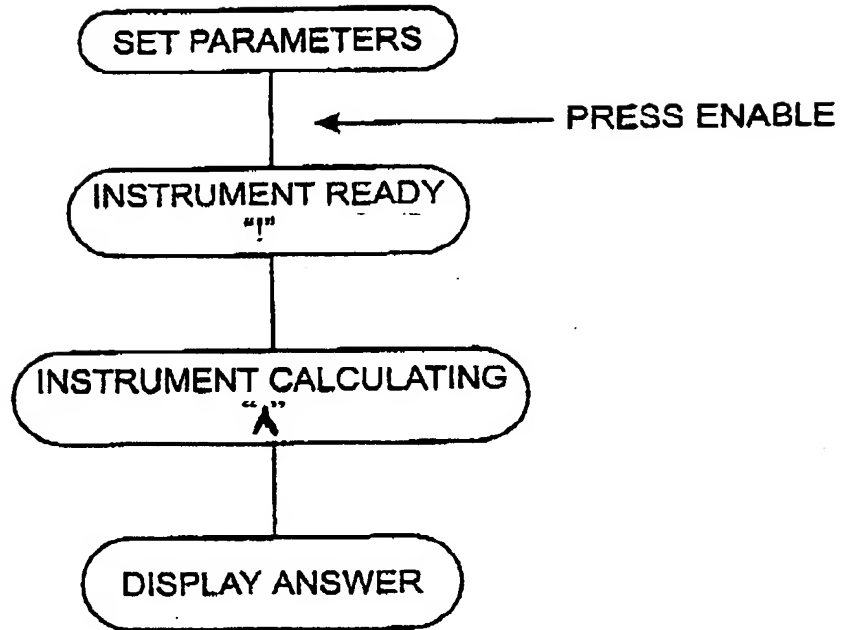


FIGURE 7

10030156-032002

**FIGURE 8**

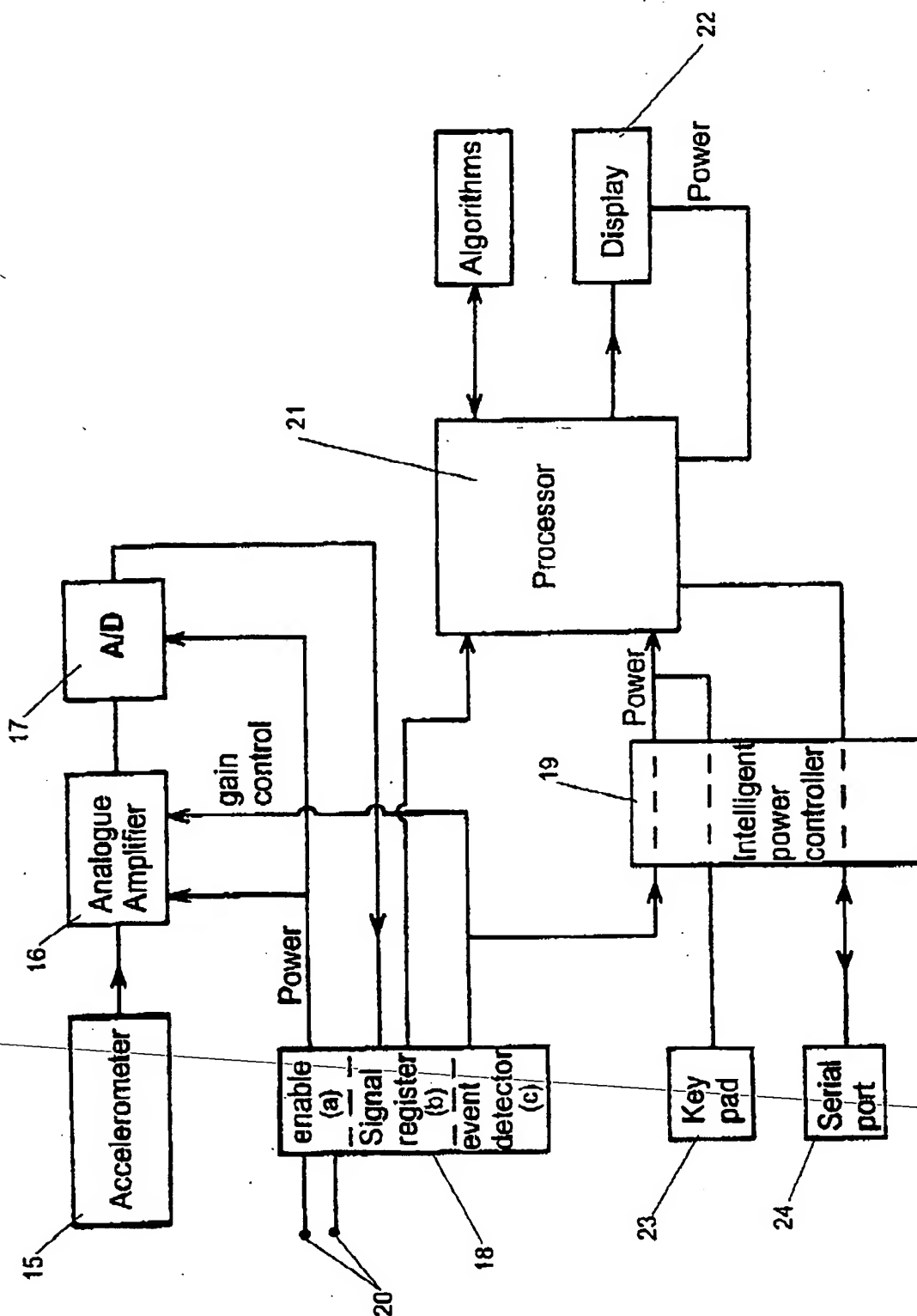
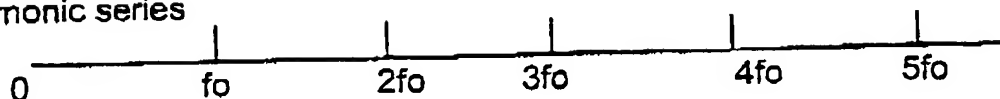
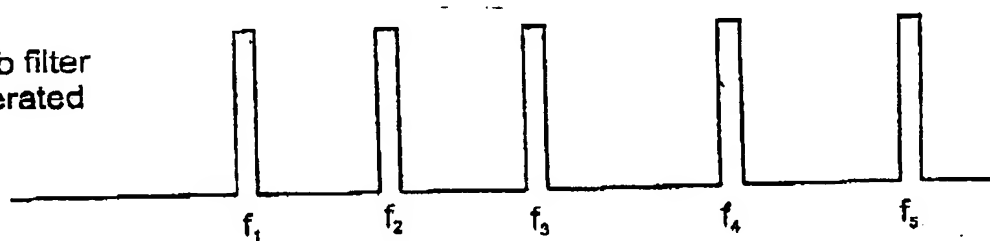


FIGURE 9

(a) Harmonic series



(b) Comb filter generated



(c) Spectrum



(d) Power in Filter

**FIGURE 10**

Cumulative frequency distribution for sound speed measurements (5000 logs)

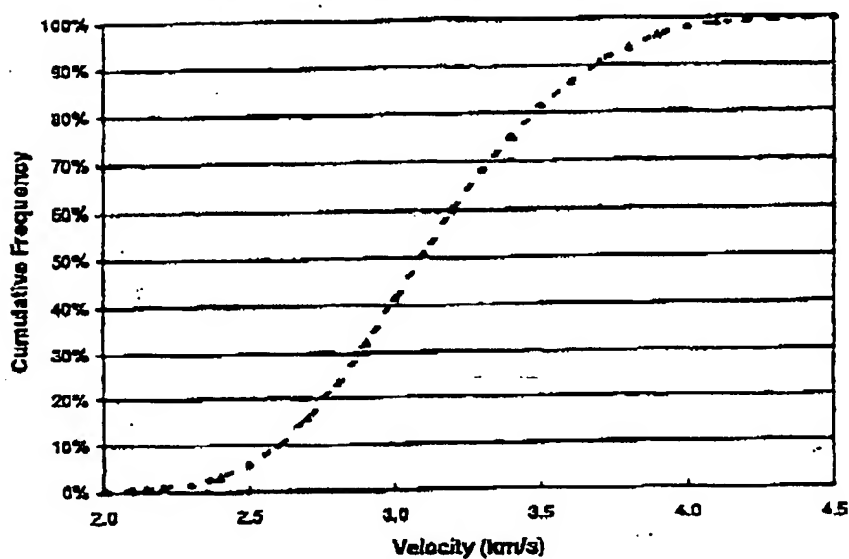


FIGURE 11

Plot of average LWFL and average WZST strength versus average class sound speed

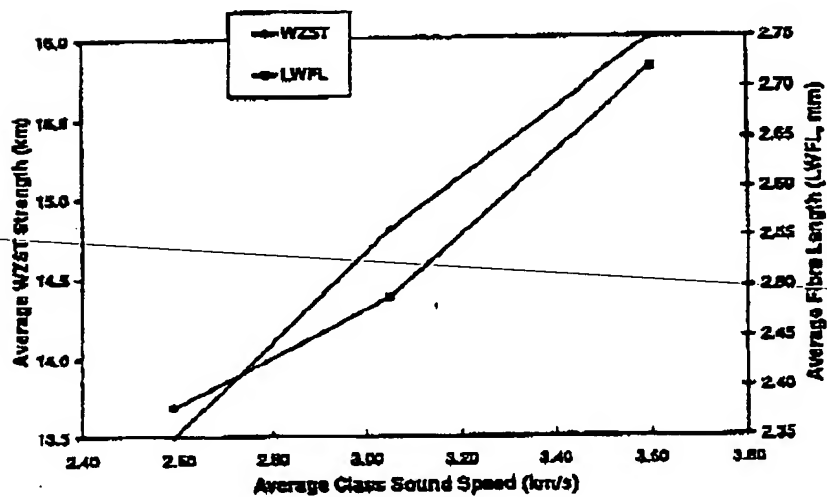


FIGURE 12



Chronological plot of pulp fibre length as each log class was processed

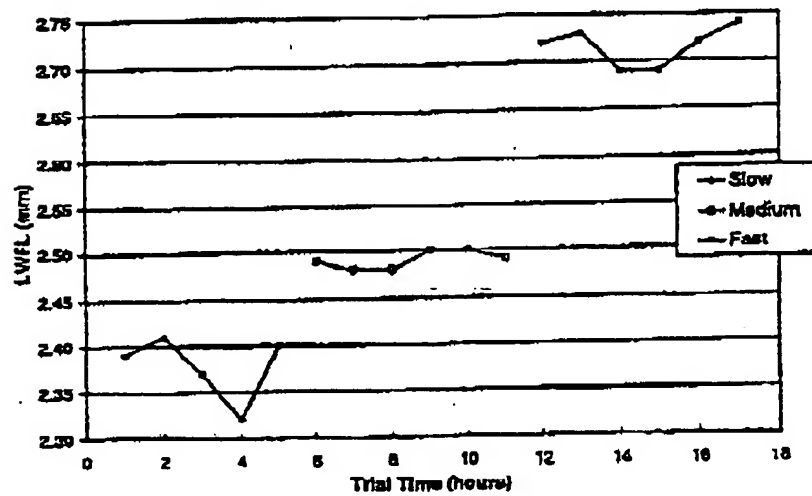


FIGURE 13

Chronological plot of pulp WZST strength as each log class was processed

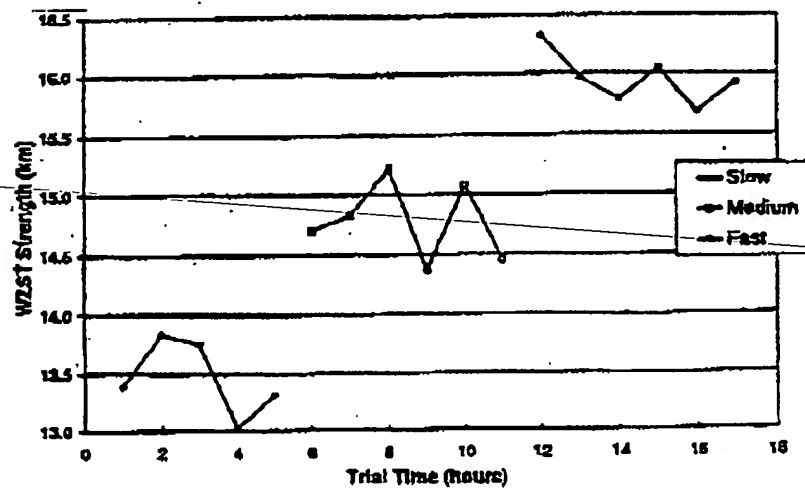


FIGURE 14

Chronological plot of pulp tear strength as each log class was processed

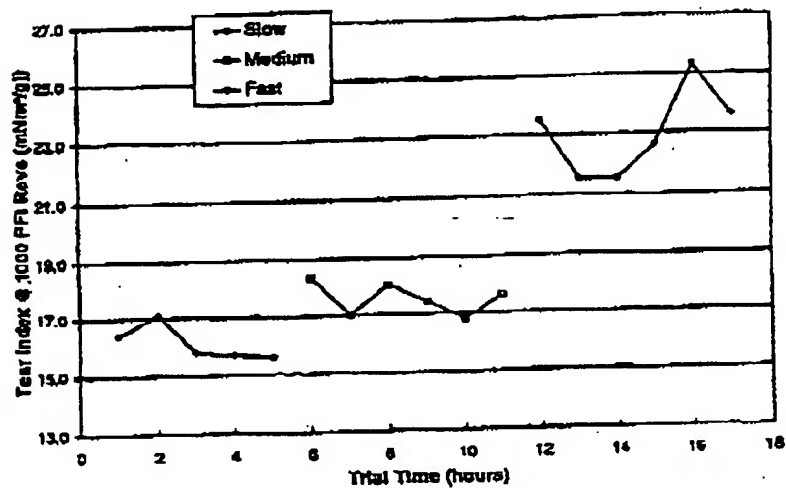


FIGURE 15